

CLAIMS

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1. An image pickup apparatus comprising:
 - image pickup means for picking up image data of an object;
 - a volatile recording medium for temporarily recording therein the image data picked up by said image pickup means;
 - a nonvolatile recording medium for recording therein the image data recorded in said volatile recording medium;
 - change-over means for changing over an operation processing mode of said image pickup apparatus; and
 - control means for, if the processing operation mode has been changed over by said change-over means, effecting a processing operation of a mode to which the operation processing mode has been changed over by said change-over means, after recording in said nonvolatile recording medium the image data recorded in said volatile recording medium.

2. An image pickup apparatus according to claim 1, wherein the operation processing mode of said image pickup apparatus includes a power-off mode for turning off a power supply of said image pickup apparatus.

3. An image pickup apparatus according to claim 2, wherein, if the processing operation mode has been

changed over by said change-over means to the power-off mode, said control means records in said nonvolatile recording medium the image data recorded in said volatile recording medium, after making a check of at least one of detection of a voltage of the power supply, attachment or detachment of the power supply and attachment or detachment of said nonvolatile recording medium.

4. An image pickup apparatus according to claim 3, wherein, if at least one of dropping of the voltage of the power supply, detachment of the power supply and detachment of said nonvolatile recording medium has been detected, said control means give a warning to a user of said image pickup apparatus.

5. An image pickup apparatus according to claim 1, wherein the operation processing mode of said image pickup apparatus includes an image reproducing mode for reproducing an image represented by the image data picked up by said image pickup means.

6. An image pickup apparatus according to claim 1, wherein the operation processing mode of said image pickup apparatus includes an image pickup mode for causing said image pickup means to pick up image data of an object.

7. An image pickup apparatus according to claim 6,

wherein, if there is no unused capacity in said volatile recording medium when the operation processing mode has been changed over by said change-over means to the image pickup mode, said control means gives a predetermined warning to a user of said image pickup apparatus.

8. An image pickup apparatus according to claim 7, wherein, if there is no unused capacity in said nonvolatile recording medium when the operation processing mode has been changed over by said change-over means to the image pickup mode, said control means gives to the user a warning different from the predetermined warning.

9. A method for controlling an image pickup apparatus, said method comprising the steps of:

picking up image data of an object;

temporarily recording the picked-up image data in a volatile recording medium;

recording in a nonvolatile recording medium the image data recorded in the volatile recording medium; and

if a processing operation mode of the image pickup apparatus has been changed over, effecting a processing operation of a mode to which the operation processing mode has been changed over, after recording in the nonvolatile recording medium the image data recorded in the volatile recording medium.

10. A method according to claim 9, wherein the operation processing mode of the image pickup apparatus includes a power-off mode for turning off a power supply of the image pickup apparatus.

11. A method according to claim 10, further comprising a step of, if the processing operation mode has been changed over to the power-off mode, recording in the nonvolatile recording medium the image data recorded in the volatile recording medium, after making a check of at least one of detection of a voltage of the power supply, attachment or detachment of the power supply and attachment or detachment of the nonvolatile recording medium.

12. A method according to claim 11, further comprising a step of, if at least one of dropping of the voltage of the power supply, detachment of the power supply and detachment of the nonvolatile recording medium has been detected, giving a warning to a user of the image pickup apparatus.

13. A method according to claim 9, wherein the operation processing mode of the image pickup apparatus includes an image reproducing mode for reproducing an image represented by the picked-up image data.

14. A method according to claim 9, wherein the

operation processing mode of the image pickup apparatus includes an image pickup mode for picking up image data of an object.

15. A method according to claim 14, further comprising a step of, if there is no unused capacity in the volatile recording medium when the operation processing mode has been changed over to the image pickup mode, giving a predetermined warning to a user of the image pickup apparatus.

16. A method according to claim 15, further comprising a step of, if there is no unused capacity in the nonvolatile recording medium when the operation processing mode has been changed over to the image pickup mode, giving to the user a warning different from the predetermined warning.

17. A storage medium which stores therein a program for executing a process for controlling an image pickup apparatus, said process comprising:

picking up image data of an object;

temporarily recording the picked-up image data in a volatile recording medium;

recording in a nonvolatile recording medium the image data recorded in the volatile recording medium; and

if a processing operation mode of the image pickup apparatus has been changed over, effecting a

processing operation of a mode to which the operation processing mode has been changed over, after recording in the nonvolatile recording medium the image data recorded in the volatile recording medium.

18. A storage medium according to claim 17, wherein the operation processing mode of the image pickup apparatus includes a power-off mode for turning off a power supply of the image pickup apparatus.

19. A storage medium according to claim 18, wherein said process further comprises, if the processing operation mode has been changed over to the power-off mode, recording in the nonvolatile recording medium the image data recorded in the volatile recording medium, after making a check of at least one of detection of a voltage of the power supply, attachment or detachment of the power supply and attachment or detachment of the nonvolatile recording medium.

20. A storage medium according to claim 19, wherein said process further comprises, if at least one of dropping of the voltage of the power supply, detachment of the power supply and detachment of the nonvolatile recording medium has been detected, giving a warning to a user of the image pickup apparatus.

21. A storage medium according to claim 17, wherein

the operation processing mode of the image pickup apparatus includes an image reproducing mode for reproducing an image represented by the picked-up image data.

22. A storage medium according to claim 17, wherein the operation processing mode of the image pickup apparatus includes an image pickup mode for picking up image data of an object.

23. A storage medium according to claim 22, wherein said process further comprises, if there is no unused capacity in the volatile recording medium when the operation processing mode has been changed over to the image pickup mode, giving a predetermined warning to a user of the image pickup apparatus.

24. A storage medium according to claim 23, wherein said process further comprises, if there is no unused capacity in the nonvolatile recording medium when the operation processing mode has been changed over to the image pickup mode, giving to the user a warning different from the predetermined warning.